

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	05723
Product	Fmoc-S-trityl-L-homocysteine
Lot Number	000424-220222-22170
	Fmoc-L-HomoCys(Trt)-OH
CAS Number	167015-23-8
Molecular Formula	C ₃₈ H ₃₃ NO ₄ S
Molecular Weight	599.74

Appearance	White to off-white powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	76.4 - 82.9 °C
Water Content (Karl Fisher)	0.59%
Optical Rotation	[α] _D ²⁰ = 16.2 ° (C=1 in MeOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Purity by HPLC	99.22%
Storage	Store at 0 - 8 °C
Remarks	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager